

## Active Recombinant Mouse Il3

Cat. No. II3-644M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Il3 (Accession # NP_034686) Asp33-Cys166, fused with an N-terminal Met, was produced in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp33-Cys166
<b>Predicted N Terminal</b>	Asp33
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells. Holmes, K.L. et al. (1985) Proc. Natl. Acad. Sci. USA 82:6687. The ED50 for this effect is typically 20-100 pg/mL.
<b>Molecular Mass</b>	Recombinant Mouse Il3, Met-tagged has a calculated MW of 15 kDa.
<b>Purity</b>	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**Reconstitution** Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** IL3 interleukin 3 [ *Mus musculus* ]

**Official Symbol** IL3

**Synonyms** IL3; interleukin 3; interleukin-3; mast cell growth factor; P-cell-stimulating factor; hematopoietic growth factor; multipotential colony-stimulating factor; BPA; PSF; HCGF; IL-3; MCGF; Csfmu;

**Gene ID** 16187

**mRNA Refseq** NM\_010556

**Protein Refseq** NP\_034686

**MIM**

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